

(FILE 'HOME' ENTERED AT 15:31:30 ON 25 MAR 2004)

FILE 'MEDLINE, LIFESCI, SCISEARCH, EMBASE, BIOSIS, CAPLUS'
ENTERED AT

15:32:00 ON 25 MAR 2004

E ATTIE A/AU

L1 449 SEA "ATTIE A"/AU OR "ATTIE A D"/AU OR "ATTIE A D *"/AU OR
"ATTIE ALAN"/AU OR "ATTIE ALAN D"/AU

E NADLER S/AU

L2 147 SEA "NADLER S"/AU

E NADLER S T/AU

L3 45 SEA "NADLER S T"/AU OR "NADLER SAMUEL T"/AU OR "NADLER
SAMUEL

TODD"/AU

L4 4099 SEA (SRE 1 BINDING PROTEIN OR ADD1 PROTEIN OR SREBP OR
STEROL

REGULATORY ELEMENT BINDING PROTEIN)

L5 354 SEA L4 AND DIABETES

L6 174 DUP REM L5 (180 DUPLICATES REMOVED)

L7 378 SEA L4 AND OBES####

L8 164 DUP REM L7 (214 DUPLICATES REMOVED)

L9 8 SEA (L1 OR L2 OR L3) AND (L6 OR L8)

L10 25 SEA L6 NOT 2001-2004/PY

L11 26 SEA L8 NOT 2001-2004/PY

L12 16 SEA L11 NOT L10

L13 0 SEA (UCC REDUCTASE CORE II OR UCC REDUCTASE CORE 2 OR
UCCREDUCT

ASE CORE II OR UCCREDUCTASE CORE 2 OR UBIQUINOL

CYTOCHROME C

REDUCTASE CORE II OR UBIQUINOL CYTOCHROME C REDUCTASE

CORE 2)

L14 2629 SEA (UCC REDUCTASE OR UBIQUINOL CYTOCHROME C
REDUCTASE)

L15 20 SEA L14 AND DIABETES

L16 16 DUP REM L15 (4 DUPLICATES REMOVED)

L17 5 SEA L16 NOT 2001-2004/PY

L18 4 SEA L14 AND OBES####

L19 4 DUP REM L18 (0 DUPLICATES REMOVED)

L20 14 SEA CYTOCHROME C OXIDASE AND VIIIA

L21 1 SEA L20 AND DIABETES

L22 1 SEA L20 AND OBES####

L23 2088 SEA STEAROYL COA DESATURASE OR STEARYL COA
DESATURASE OR

STEARATE DESATURASE

L24 144 SEA L23 AND DIABETES

L25 64 DUP REM L24 (80 DUPLICATES REMOVED)

L26 20 SEA L25 NOT 2001-2004/PY
L27 187 SEA L23 AND OBES####
L28 84 DUP REM L27 (103 DUPLICATES REMOVED)
L29 24 SEA L28 NOT 2001-2004/PY
L30 17 SEA L29 NOT L26
L31 11540 SEA ADIP#####(P) DIABETES
L32 2924 SEA L31 AND EXPRESSION
L33 1853 SEA L32 AND GENE
L34 912 SEA L33 NOT 2001-2004/PY
L35 44 SEA L34 AND DIABETES/TI AND ADIP#####/TI

National Library of Medicine - Medical Subject Headings

2004 MeSH

MeSH Supplementary Concept Data[Return to Entry Page](#)

Name of Substance	SRE-1 binding protein
Record Type	C
Registry Number	0
Entry Term	ADD1 protein
Entry Term	SREBP
Entry Term	SREBP-1
Entry Term	SREBP-1a
Entry Term	sterol regulatory element-binding protein 1
Entry Term	transcription factor ADD1
Entry Term	ADD-1 protein
Entry Term	SREBP-1c
Heading Mapped to	*DNA-Binding Proteins
Heading Mapped to	*CCAAT-Enhancer-Binding Proteins
Indexing Information	Transcription Factors
Indexing Information	Leucine Zippers
Indexing Information	Helix-Loop-Helix Motifs
Previous Indexing	* NUCLEAR PROTEINS (1999-2000)
Source	J Biol Chem 1993 Jul 5;268(19):14490-6
Frequency	534
Note	binds sterol regulatory element of low density lipoprotein receptor promoter; has been sequenced
Date of Entry	19930723
Revision Date	20000731
Unique ID	C081859

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National Library of Medicine - Medical Subject Headings

2004 MeSH

MeSH Descriptor Data

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MeSH Heading	Electron Transport Complex III
Tree Number	D08.811.600.250.875.500
Tree Number	D08.811.682.830.500
Tree Number	D12.776.157.427.374.375.954
Tree Number	D12.776.157.530.450.250.875.468
Tree Number	D12.776.543.585.450.250.875.468
Tree Number	D12.776.556.579.374.375.954
Scope Note	A multisubunit enzyme complex that contains <u>CYTOCHROME B GROUP</u> ; <u>CYTOCHROME C1</u> ; and iron-sulfur centers. It catalyzes the oxidation of ubiquinol to <u>UBIQUINONE</u> , and transfers the electrons to <u>CYTOCHROME C</u> . In <u>MITOCHONDRIA</u> the redox reaction is coupled to the transport of <u>PROTONS</u> across the inner mitochondrial membrane.
Entry Term	Complex III
Entry Term	Cytochrome bc1 Complex
Entry Term	Ubiquinol-Cytochrome-c Reductase
Entry Term	Bacterial Electron Transport Complex III
Entry Term	Coenzyme Q-Cytochrome-c Reductase
Entry Term	Coenzyme QH2-Cytochrome-c Reductase
Entry Term	Core I Protein, UCCreductase
Entry Term	Core I Protein, Ubiquinol-Cytochrome c Reductase
Entry Term	Core II Protein, UCCreductase
Entry Term	Core II Protein, Ubiquinol-Cytochrome c Reductase
Entry Term	Cytochrome b-c2 Oxidoreductase
Entry Term	Cytochrome bc1
Entry Term	Dihydrouriquinone-Cytochrome-c Reductase
Entry Term	Mitochondrial Electron Transport Complex III
Entry Term	QH(2)-Cytochrome-c Reductase
Entry Term	QH(2)-Ferricytochrome-c Oxidoreductase
Entry Term	Ubihydroquinone-Cytochrome-c Reductase
Entry Term	Ubiquinol-Cytochrome c Reductase

Entry Term	Ubiquinone-Cytochrome b-c2 Oxidoreductase
Allowable Qualifiers	AD AE AI AN BI BL CF CH CL CS CT DE DF DU EC GE HI IM IP ME PD PH PK PO RE SD SE ST TO TU UL UR
CAS Type 1 Name	Ubiquinol-ferricytochrome-c oxidoreductase
Registry Number	EC 1.10.2.2
Related Number	139047-31-7
Related Number	139047-33-9
Related Number	9027-03-6 (CAS RN)
Related Number	EC 1.10.2.2
Previous Indexing	Cytochrome Reductases (1974-1979)
Previous Indexing	Multienzyme Complexes (1973-1986)
Previous Indexing	Oxidoreductases (1966-1973)
Previous Indexing	Quinone Reductases (1975-1986)
History Note	2004(1994); for CORE I PROTEIN, UBIQUINOL-CYTOCHROME C REDUCTASE & CORE II PROTEIN, UBIQUINOL-CYTOCHROME C REDUCTASE use ELECTRON TRANSPORT COMPLEX III (NM) 1991-2004
Unique ID	D014450

MeSH Tree Structures

Enzymes and Coenzymes [D08]

Enzymes [D08.811]

Multienzyme Complexes [D08.811.600]

Electron Transport Chain Complex Proteins [D08.811.600.250]

Succinate Cytochrome c Oxidoreductase [D08.811.600.250.875]

Electron Transport Complex II
[D08.811.600.250.875.249] +

► Electron Transport Complex III
[D08.811.600.250.875.500]

Enzymes and Coenzymes [D08]

Enzymes [D08.811]

National Library of Medicine - Medical Subject Headings

2004 MeSH

MeSH Descriptor Data

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MeSH Heading	Electron Transport Complex IV
Tree Number	D08.811.600.250.687
Tree Number	D08.811.682.285
Tree Number	D12.776.157.530.450.250.875.484
Tree Number	D12.776.543.585.450.250.875.484
Annotation	spell in titles & translations with lowercase c: cytochrome-c oxidase
Scope Note	A multisubunit enzyme complex containing <u>CYTOCHROME A GROUP</u> ; <u>CYTOCHROME A3</u> ; two copper atoms; and 13 different protein subunits. It is the terminal oxidase complex of the <u>RESPIRATORY CHAIN</u> and collects electrons that are transferred from the reduced <u>CYTOCHROME C GROUP</u> and donates them to molecular <u>OXYGEN</u> , which is then reduced to water. The redox reaction is simultaneously coupled to the transport of <u>PROTONS</u> across the inner mitochondrial membrane.
Entry Term	Cytochrome Oxidase
Entry Term	Cytochrome aa3
Entry Term	Cytochrome-c Oxidase
Entry Term	Bacterial Electron Transport Complex IV
Entry Term	Cytochrome Oxidase Subunit III
Entry Term	Cytochrome a,a3
Entry Term	Cytochrome c Oxidase Subunit VIa
Entry Term	Cytochrome-c Oxidase (Complex IV)
Entry Term	Cytochrome-c Oxidase Subunit III
Entry Term	Cytochrome-c Oxidase Subunit IV
Entry Term	Ferrocycytochrome c Oxygen Oxidoreductase
Entry Term	Heme aa3 Cytochrome Oxidase
Entry Term	Mitochondrial Electron Transport Complex IV
Entry Term	Pre-CTOX p25
Entry Term	Signal Peptide p25-Subunit IV Cytochrome Oxidase
Entry Term	Subunit III, Cytochrome Oxidase
Entry Term	p25 Presequence Peptide-Cytochrome Oxidase
See Also	Cytochrome-c Oxidase Deficiency
Allowable Qualifiers	AD AE AI AN BI BL CF CH CL CS CT DE DU EC GE HI IM IP ME PD PH PK PO RE SD SE ST TO TU UL UR
CAS Type 1 Name	Ferricytochrome-c:oxygen oxidoreductase

National Library of Medicine - Medical Subject Headings

2004 MeSH

MeSH Descriptor Data

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MeSH Heading	Stearoyl-CoA Desaturase
Tree Number	D08.811.682.580.392.625
Scope Note	An enzyme that catalyzes the formation of oleoyl-CoA, A, and water from stearoyl-CoA, AH ₂ , and oxygen where AH ₂ is an unspecified hydrogen donor. EC 1.14.99.5.
Entry Term	Stearyl-CoA Desaturase
Entry Term	Stearate Desaturase
Entry Term	delta-9 Desaturase
Allowable Qualifiers	AD AE AI AN BI BL CF CH CL CS CT DE DF DU EC GE HI IM IP ME PD PH PK PO RE SD SE ST TO TU UL UR
CAS Type 1 Name	Stearoyl-CoA,hydrogen-donor:oxygen oxidoreductase
Registry Number	EC 1.14.99.5
Previous Indexing	Coenzyme A (1973-1974)
Previous Indexing	Hydroxylases (1973-1974)
Previous Indexing	Stearic Acids (1973-1974)
Online Note	use STEAROYL-COA DESATURASE to search STEARYL-COA DESATURASE 1975-94
History Note	95; was STEARYL-COA DESATURASE 1975-94 (see under FATTY ACID DESATURASES 1975-90)
Unique ID	D013230

MeSH Tree Structures

[Enzymes and Coenzymes \[D08\]](#)
[Enzymes \[D08.811\]](#)
[Oxidoreductases \[D08.811.682\]](#)
[Mixed Function Oxygenases \[D08.811.682.580\]](#)
[Fatty Acid Desaturases \[D08.811.682.580.392\]](#)

► [Stearoyl-CoA Desaturase](#)
[\[D08.811.682.580.392.625\]](#)